Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Division

Name of Work: Improvements to roads and Drains at Ambedkarnagara and Kanakanagara areas in ward no-04 of Yelahanka Satellite Town Sub Division

Modified Schedule - B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33)	Sqm	0.00	116.81	Rupees One Hundred Sixteen And Paise Eighty One Only
2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(I No-19.1, P No-143), 8km lead	Cum	1098.49	225.94	Rupees Two Hundred Twenty Five And Paise Ninety Four Only
	Above 125%	Cum	21.74	2452.68	Rupees Two Thousand Four Hundred Fifty Two And Paise Sixty Eight Only
3	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. a) 40mm Jelly	Cum	0.00	1995.10	Rupees One Thousand Nine Hundred Ninety Five And Paise Ten Only
4	b) 20mm Jelly	Cum	0.00	1995.10	Rupees One Thousand Nine Hundred Ninety Five And Paise Ten Only
5	c) Coarse sand.	Cum	0.00	2782.22	Rupees Two Thousand Seven Hundred Eighty Two And Paise Twenty Two Only
6	d) Fine Sand	Cum	0.00	2782.22	Rupees Two Thousand Seven Hundred Eighty Two And Paise Twenty Two Only
7	e) 12.5mm chips	Cum	0.00	1995.10	Rupees One Thousand Nine Hundred Ninety Five And Paise Ten Only
8	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984- 995 with latest amendments and conveyingto work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bends, reducers etc. complete	Rmt	0.00	11358.02	Rupees Eleven Thousand Three Hundred Fifty Eight And Paise Two Only
9	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified in drawings or as approved by Engineer Incharge	Cum	0.00	74.55	Rupees Seventy Four And Paise Fifty Five Only
10	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications	Cum	137.50	5690.28	Rupees Five Thousand Six Hundred Ninety And Paise Twenty Eight Only
11	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. Including cost of materials, labour, HOM complete as per specifications	Cum	340.91	7420.17	Rupees Seven Thousand Four Hundred Twenty And Paise Seventeen Only

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
12	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.	Ton	31.88	77654.86	Rupees Seventy Seven Thousand Six Hundred Fifty Four And Paise Eighty Six Only
13	Providing and Fixing pre cast covering Slab 100mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)	Sqm	626.25	2452.68	Rupees Two Thousand Four Hundred Fifty Two And Paise Sixty Eight Only
	Above 125%	Sqm	198.05	2452.68	Rupees Two Thousand Four Hundred Fifty Two And Paise Sixty Eight Only
14	Providing and Fixing pre cast covering Slab 150mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)	Sqm	227.40	2616.40	Rupees Two Thousand Six Hundred Sixteen And Paise Forty Only
15	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.	Sqm	9.00	5686.19	Rupees Five Thousand Six Hundred Eighty Six And Paise Nineteen Only
	Above 125%	Sqm	42.60	5686.19	Rupees Five Thousand Six Hundred Eighty Six And Paise Nineteen Only
16	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30)	Nos	1387.00	453.89	Rupees Four Hundred Fifty Three And Paise Eighty Nine Only
17	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19)	Sqm	187.23	89.00	Rupees Eighty Nine Only
18	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (P.No-112,I No-14.62)	Sqm	27.00	1370.56	Rupees One Thousand Three Hundred Seventy And Paise Fifty Six Only
19	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density. MORTH Specification No. 305 (P.No.147, I.No.19.60)	Cum	5.40	361.55	Rupees Three Hundred Sixty One And Paise Fifty Five Only
20	Executive Bench- Made out of Sadarahalli grey stone with hand supports with 3 line finishing with arch design with 100mm slabs. Height 90x Length 1500 width 45 cms (Data approved rate)	Each	10.00	19100.90	Rupees Nineteen Thousand One Hundred And Paise Ninety Only

	Description of Item	Unit	Quantity	Rate, Rs	
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21	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications	Cum	150.87	2093.67	Rupees Two Thousand Ninety Three And Paise Sixty Seven Only
22	KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications.(I No-20.5,P No-153) heavy duty cobble stones 60mm thick	Sqm	1005.82	1171.43	Rupees One Thousand One Hundred Seventy One And Paise Forty Three Only
	EIRL				
E1	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-4.6)	Cum	13.53	6031.81	Rupees Six Thousand Thirty One And Paise Eighty One Only
E2	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 I.No.5.26.2, Page no 27	Sqm	82.08	1027.92	Rupees One Thousand Twenty Seven And Paise Ninety Two Only

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